CHANDLER CENTER FOR THE ARTS

MAINSTAGE TECHNICAL INFORMATION- Revised JULY 1, 2010

250 N. Arizona Avenue*Chandler, AZ 85225-4567**

Phone 480.782.2683 Fax 480.782.2684

www.chandlercenter.org

http://chandlercenter.org/home.html

The Chandler Center for the Arts is located on the Chandler High School Campus in downtown Chandler on the northwest corner of Arizona Avenue and Chandler Blvd. The Main Stage loading dock is located on the west side of the facility.
http://chandlercenter.org/visitor-info/directions.html

ADMINISTRATION

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CHANDLER CENTER FOR THE ARTS

MAINSTAGE TECHNICAL INFORMATION- Revised JULY 1, 2010

CARPENTRY

The Main stage can seat 940, or with the addition of two turntables of divisible seating can accommodate up to 1,500.

STAGE DIMENSIONS:

Proscenium:
Width: 60'-4"
Height: 30'
Depth: 38' upstage of plaster line
18'-10" downstage of plaster line at center

Wing Space:
Stage right: 25' with overhead obstructions at 19'-6"
Stage left: 25' with overhead obstructions at 19'-6"
Other floor level obstructions exist please contact technical staff if you are concerned about wing space.

Orchestra Pit:
Width: 40' Length: 22'
Pit is 10' + deep. There is no lift and the floor has two landings, 8" and 16" lower. At 4" below stage height there is a re-mesh safety net. Only the conductor's section, 4'x 6', is removable. A plywood and 2x4 framed cover is usually placed on the re-mesh safety net to extend the stage.

Stage Floor:
2x4 sleepers, 16' o.c., covered with 5/8" plywood and decked with 1x4 T-G yellow pine topped with black stained 1/4" tempered masonite.

House Drapery:
House curtain-Spanish Red-two panels 41'-6" x 32' split traveler hand drawn from stage right. It is on a motorized lineset that flys at 5'/min.

Legs:
Black velour flat, three pair 12'-6" x 30' Black commando cloth flat, one pair 15' x 30'.

Borders:
Spanish red velour flat, one at 114' x 12'. Black velour flat, two at 10' x 75', one at 69' x 12', one at 10' x 80' and one at 10' x 95'.

Full Blacks:
Two black velour traveler curtains with 50% fullness, two panels 39'-6" x 30' at mid stage and two panels 38'-6" x 30' upstage.

Scrims:
White sharkstooth 58' x 30' and a black scrim 55' x 30'.

Cyclorama:
White seamless leno-filled scrim.

Projection Screen:
One 9'x16' HD Format Fast-fold Rear Projection screen.

Lineset Schedule:
System uses JR Clancy 'PowerLift' hoists for all linesets unless noted.
Scenemaster Control panel is located on the stage right wall. A remote pendant with 30' umbilical can be used from downstage left and right.

Set#	Assignment	Load Sensing	High Trim	Dist. US of Prosc. or other ref.	WLL	Speed	Type	Notes
F	Fire Curtain	N/a	N/a	0'6"	N/a	N/a	N/a	No theatrical use.

CHANDLER CENTER FOR THE ARTS

MAINSTAGE TECHNICAL INFORMATION- Revised JULY 1, 2010

G	House Curtain	N/a		1'-2"	N/a	Manual	CWT	76' Batten
1	Valance	Available	57'	1'-11"	1200	20'/min	PH	May foul w/ -1LX
2	Portal legs	Available	57'	2'-6"	1200	20'/min	PH	May foul w/ -1LX
3	1st Electric	N/a	48'	3'-10"	3000	20'/min	LS	
4	Open	Available	57'	5'-0"	1200	0-180'/min	PH	
5	OS Ceiling 1	Available	33'-6"	6'-6"	N/a	10'/min	PH	No theatrical use.
6	1st Border	Available	57'	7'-8"	1200	0-180'/min	PH	
7	1st Legs	Available	57'	8'-5"	1200	0-180'/min	PH	
8	Open	Available	57'	9'-2"	1200	0-180'/min	PH	
9	Open	Available	57'	9'-11"	1200	0-180'/min	PH	
10	~	~	~	10'-8"	~	~		~
11	2nd Electric	N/a	48'	11'-10"	3000	20'/min	LS	
12	OS Ceiling 2	Available	33'-6"	13'-0"	N/a	10'/min	PH	No theatrical use.
13	Open	Available	57'	14'-2"	1200	0-180'/min	PH	
14	2nd Border	Available	57'	14'-11"	1200	0-180'/min	PH	
15	Open	Available	57'	15'-10"	1200	0-180'/min	PH	
16	MS Traveler	Available	57'	16'-7"	1200	0-180'/min	PH	
17	~	~	~	17'-4"	~	~		~
18	3rd Electric	N/a	48'	18'-6"	3000	20'/min	LS	
19	OS Ceiling 3	Available	33'-6"	19'-8"	N/a	10'/min	PH	No theatrical use.
20	Open	Available	57'	20'-10"	1200	0-180'/min	PH	
21	3rd Border	Available	57'	21'-7"	1200	0-180'/min	PH	
22	3rd Legs	Available	57'	22'-4"	1200	0-180'/min	PH	
23	Open	Available	57'	23'-1"	1200	0-180'/min	PH	
24	~	~	~	23'-10"	~	~		~
25	4th Electric	N/a	48'	25'-0"	3000	20'/min	LS	
26	OS Ceiling 4	Available	33'-6"	26'-2"	N/a	10'/min	PH	No theatrical use.
27	Open	Available	57'	27'-4"	1200	0-180'/min	PH	
28	Open	Available	57'	28'-1"	1200	0-180'/min	PH	
29	Open	Available	57'	28'-10"	1200	0-180'/min	PH	
30	4th Border	Available	57'	29'-7"	1200	0-180'/min	PH	
31	US Traveler	Available	57'	30'-4"	1200	0-180'/min	PH	
32	Open	Available	57'	31'-1"	1200	0-180'/min	PH	
33	~	~	~	31'-10"	~	~		~
34	5th Electric	Available	53'-8"	33'-0"	2000	20'/min	PH	
35	Open	Available	57'	34'-2"	1200	0-180'/min	PH	
36	Open	Available	57'	34'-11"	1200	0-180'/min	PH	
37	Open	Available	57'	35'-8"	1200	0-180'/min	PH	
38	5th Legs	Available	57'	36'-5"	1200	0-180'/min	PH	71' Batten
39	Cyc (LenoFR)	Available	57'	37'-2"	1200	0-180'/min	PH	71' Batten
40	SL Transverse	Available	56'-6"	38'-6"SL of Ctr	1000	0-180'/min	PH	24' Batten
41	SL Electric	Available	53'-8"	39'-8" SL of Ctr	1200	20'/min	PH	24' Batten
42	SR Electric	Available	53'-8"	38'-0" SR of Ctr	1200	20'/min	PH	24' Batten
43	SR Transverse	Available	56'6"	38'-10" SR of Ctr	1000	0-180'/min	PH	24' Batten
44	SL PA Winch	No		-3'/24' SL of Ctr		*20'/min*	LS	
45	SR PA Winch	No		-3'/24' SR of Ctr		*20'/min*	LS	

PH-Power Hoist, LS-Line Shaft, CWT-Counterweight.

***Note:** If your production is a heavy flying show, please contact the Production Coordinator in advance.

All stage drapery is 22oz. IFR unless noted.

Batten length is 72' unless noted. *Diameter of pipes is 1 1/2" SCH40 pipe.

CONSTRUCTION AND PAINTING INSIDE OR OUTSIDE THE FACILITY IS PROHIBITED.

CHANDLER CENTER FOR THE ARTS

MAINSTAGE TECHNICAL INFORMATION- Revised JULY 1, 2010

LIGHTING

POWER

One 120/208V, 100 AMP disconnect, 3-phase power feed; cam-lok connectors. Stage-Left Shop
One 120/208V, 400 AMP disconnect, 3-phase power feed; cam-lok connectors. Stage-Right

COMPANY SWITCH

1-120/208V, 400A at 120V. Attachment by lugs or cam-lok connectors.

DIMMERS

384 - 2.4KW **ETC Sensor+ Dimmers**. *Two dimmers are dedicated to forestage ceiling lighting.

CONTROL

ETC Ion 1024 with 20-Channel Universal Fader Wing: 1024 Output/Parameters, 10,000 Channels and Cues, 1000 Presets, Groups, Effects and Macros. Also, **Electronic Theatre Controls EXPRESS 72/144**: 1024 DMX Dimmers, 240 Channels, 144 Control Channels (Faders), 24 designated Sub-masters, fully automated cueing capabilities with up to 600 cues, single scene or two-scene pre-set mode.
Both Lightboards located at back of house, lower booth. May also be operated in-house or backstage right.
ETC SmartFade 1248 (12 channels) located Stage Right runs independently of the **EXPRESS** and **ION.**

HOUSELIGHTS

ETC's Unison: Twelve programmable cue system is available, control is from back of house or stage right.

CIRCUITS

384 - 20A circuits (2K), 382 available for theatrical lighting.

CIRCUIT CHART

Front Bridge FOH:	1 - 52
Back Bridges FOH:	53 - 76
Tormentor SL (FOH):	77 - 82
Tormentor SR (FOH):	83 - 88
Balcony Rail:	89 - 94
Lower Booth FOH:	95 - 100
1st Electric:	101 - 140
2nd Electric:	141 - 180
3rd Electric:	181 - 220
4th Electric:	221 - 260
5th Electric (Cyc):	261 - 290
Floor Pockets SL:	291 - 302
Back Wall OSL:	303 - 322
Floor Pockets SR:	323 - 334
SL Transverse Electric:	335 - 358
SR Transverse Electric:	359 - 382
Ceiling Lights:	383 – 384 (Both are dedicated circuits)

CABLE

1500' in various lengths. All cable is 12/3-SO with NEMA L5-20 twistlock connectors. (Ground dog goes in.) 30 twistlock to stage pin adapters, 20 twistlock two-fers, and other miscellaneous adaptors are available.

THERE IS NO FRONT OF HOUSE TRANSFER

FOH POSITIONS

See plan at end of form.

CHANDLER CENTER FOR THE ARTS

MAINSTAGE TECHNICAL INFORMATION- Revised JULY 1, 2010

INSTRUMENTS:

CONVENTIONALS:
12 - 5° ETC Source Four Lekos (750w)
16 - 10° ETC Source Four Lekos (750w)
6 - 14° ETC Source Four Lekos (750w)
80 - 19° ETC Source Fours (750W) – Note: 12 Lekos in Tormentors (6 per side)
22 - 26° ETC Source Fours (575W)
46 - 36° ETC Source Fours (575W) (includes 8 pre-made Side-trees with 4 lights each)
8 - 25°>50° ETC Source Four Zooms (750W)
10 - 50° ETC Source Four Lekos (750w)
2 - 70° ETC Source Four Lekos (750w)

96 – 8" Fresnels (1K) (4 Elect.**x** 4 Color **x** 6K) + 4 Spares

12 – 2-cell (2 circuit) Far Cycs (1K) (4 color / 6K)
8 – 6-cell (3 circuit) Cyc Strips/Floor Strips (1K) (3 Color / 16K)

FOLLOWSPOTS:
2- Lycian Superstar 1200W.

HARDWARE:
18- 8" barndoors, **8-** 10' booms with threaded bases, and 24 pattern holders of each type.

FILM,VIDEO, AND PROJECTION EQUIPMENT:
2- Overhead projectors
1 - 9'x12' Rear Projection Screen. Fast-fold.

HOUSE HANG:

Front Bridge:	12 - 5º, 10 - 10º, 8 - 14º, Source Four lekos, 24 - 19º, 6 - 26º Source Four lekos
Back Bridges:	26 - 19º Source Four lekos
Tormentors:	12 - 26º Source Four lekos (6 per side, includes 2 as curtain warmers)
1st Electric:	24 - 8" Fresnels (6 instruments per color=4 colors) 2 - 25º>50º Source Four Zooms 2 - 26º Source Four lekos 5 - 36º Source Four lekos 2 - 50º Source Four lekos
2nd Electric:	Same as 1st Electric, plus 2-26º Source Four lekos
3rd Electric:	Same as 2nd Electric, plus 2-36º Source Four lekos
4th Electric:	Same as 1st Electric, plus 2-50º Source Four lekos
5th Electric:	12 – 2-Unit Far Cycs (4 Colors)

CHANDLER CENTER FOR THE ARTS

MAINSTAGE TECHNICAL INFORMATION- Revised JULY 1, 2010

AUDIO

Main Stage Communication Systems
The theatre is hardwired with a two-channel Telex intercom system. There are receptacles at all control positions and stage areas. We have belt-packs and head-sets for all positions. We have some extra packs and sets in case more than one is needed in any one location. If you believe your show or event requires an extraordinary number of head-sets, please contact our Production Department in advance so we may make arrangements.

Assistive Listening System
The theatre has a sennheiser infra red controlled assistive listening system for patrons by request. The house manager has a number of lightweight headsets that may be obtained in the Foyer.

Show Program Audio
Audio show program is sent to the Foyer for patrons as well as back stage and dressing room areas for performers. There are separate control knobs in each dressing room and in the green room for volume level

Sound location
The audio mix position is located at audience level 85 feet from the stage at back of house center.
Area can accommodate a visiting digital board when needed. Please contact Dean Hannula for details.

Mixing Console
Midas XL-4
48 inputs, 10 VCA's, 2 Grand master VCA's, 16 mono aux's pre or post, 4 stereo aux's pre or post,
16 audio groups, 20 input by 8 output matrix, 8 automute master groups, 16 mic/line level returns.
A full scene recall automation computer with flying VCA's capable of memorizing VCA assigns & fader positions, audio group assigns, mute group assigns, inserts and auxillary assigns.

Outboard equipment
(two) Klark-teknik DN-360 31 band 1/3 octave stereo EQ (1 for house mains & 1 patchable anywhere)
(two) Drawmer DL-241 dual channel compressor/gate combo units – patchable anywhere
(two) Drawmer DL-441 4 channel compressor units – patchable anywhere
(one) Drawmer DS-404 4 channel gate – patchable anywhere
(one) Drawmer 1961 stereo channel parametric tube EQ for select inserting
(one) Demeter HXC-1 tube optical compressor (single channel) for select inserting
(one) Manley dual mono tube microphone pre-amp for select inserting
(two) TC electronic M-one multi-effects units
(one) TC electronic D-2 Delay
(one) White instruments 31 band 1/3 octave 2 channel EQ – (1 channel for Front fill speakers & 1 for Subs)
(one) Tascam professional CD player Cd-01U – single rack space
(one) Tascam dual drawer CD recorder/player CD-rw402

Speakers
House mains: (8) Martin W8C cabinets hung (4) a side, two over & under, 3 feet down of main curtain line
(4) Martin audio WT15 mini trap front fill speakers are hidden behind the face of stage grill cloth
(4) Martin audio S218 dual 18" sub cabinets are also located left & right behind stage front grill
Monitors: (8) Martin LE1500 wedges (2" horn & 15" low)
(8) bi-amped mixes are available from seperate monitor racks (see monitor packages if renting hall)
(4) passive monitor mixes are available from FOH (LE1500's are switchable passive/active)

Main snake
Whirlwind concert series 56 channel stage panel with monitor split W-4 connect
Sub-snakes are W-6 connects to boxes in various sizes for stage placement
Main stage box and split are located back stage left at the down stage wall

Microphones & Direct boxes
(12) Shure SM58 dynamic cardioid
(12) Shure SM57 dynamic cardioid
(4) Neumann KMS105 condenser supercardioid
(1) Sennheiser 865 condenser supercardioid
(2) Shure ULX-P wireless units with handheld beta 58's
(1) Shure beta 52 kick mic
(1) Electro Voice N/C868 kick mic
(1) Electro Voice N/D478 dynamic cardioid
(1) Shure SM81 condenser cardioid
(3) Electro Voice N/D468 dynamic cardioid
(2) Electro Voice RE200 small diapham condenser cardioid
(5) Shure beta 56 dynamic super cardioid
(2) Sennheiser MKH40 condenser cardioids
(1) Sennheiser 421 dynamic cardioid
(1) Electro Voice RE20 dynamic cardioid
(2) Josephson engineering C-42 condenser cardioid
(2) Neumann TLM102 large diaphragm condenser cardioid
(2) Danish Pro audio 4021 compact condenser cardioids (complete stereo kit)
(2) Danish Pro audio 4060 mini-condensers (omni & cardioid caps)
(2) Shure 558 dynamic cardioid hand held (with on/off switch)
(4) Crown PCC-160 floor boundary mics (phase coherent cardioid)
(4) Audio technica 853A cardioid condenser uni-point

(4) Countryman type 85 active direct boxes
(4) Klark Teknik dn100 active direct boxes
(6) Whirlwind imp2 passive boxes
(1) Whirlwind director passive direct box
(1) Radial engineering stereo PC direct box

Cables and stands
We have about (30) 25 foot and (20) 50 foot XLR cables as well as a dozen short 12 to 15 footers. There are ample NL4 cables for house wedges. (3) additional 6 input sub snakes (10) tri-pod stands boom type and (4) tri-pod straights (12) round base straight stands (4) short boom stands & several table top stands & goosenecks. A variety of mic clips & any needed adapters are also on hand.

CHANDLER CENTER FOR THE ARTS

MAINSTAGE TECHNICAL INFORMATION- Revised JULY 1, 2010

PROPERTIES

ORCHESTRA PIT

Width: 40'
Length: 22"

Pit is 10' + deep. There is no lift and the floor has two 4'-wide landings, 8" and 16" lower. At 6" below stage height there is a steel safety net. Only the conductor's section, 4'W x 6'D is removable. A plywood and 2x4 framed cover is placed on the net to extend the stage.

MUSIC

96-Wenger grey straight back musicicians chairs. 75-Wenger adjustable music stands and 24 music stand lights. 1-large conductors stand and 1- 3'x3'x8" carpeted conductors podium are available. 1-peted podium. One Steinway Model D-9' Grand piano, which cannot be placed in the orchestra pit. One Schimmel upright Piano and one Yamaha studio console are available for use in the pit.

ORCHESTRA SHELL

A fully flexible acoustic shell is available.

RISERS

12-4x8 risers that can be legged to various heights. Contact production staff with size and height needs to determine if the venue can provide.

DANCE FLOOR

5- Rolls 60'x6'. Shoes, rosin, and scenery may not be used on Center’s dance floor.

CHORAL RISERS

5-Sections of “four-steppers” with built in back rail.

CHANDLER CENTER FOR THE ARTS

MAINSTAGE TECHNICAL INFORMATION- Revised JULY 1, 2010

WARDROBE

DRESSING ROOMS

2- Chorus dressing rooms, capacity of 20 persons each. Located directly below the stage.
1 - Principal room, capacity 1-2 persons, located off stage right in the green room.
2 – Principal's room, capacity 3 persons, located upstage left on the cross-over hallway.
All dressing rooms have toilets, sinks, showers, counters, mirrors, lights, and clothes racks. Accessible crew restrooms are located near the chorus dressing rooms in the basement. An elevator is available from stage level to basement level.

WARDROBE AREA

There is no dedicated wardrobe room but there are a variety of backstage locations that can accommodate this need.

EQUIPMENT

1-Ironing Boards, 1- Iron, 6- Wenger Rolling Racks

QUICK CHANGE BOOTHS

2-Approximately 8' x 8'

LAUNDRY

There are no laundry facilities onsite. The following are a list of nearby Laundromats and dry-cleaners.

Wash Works
403 S. Arizona Avenue
Chandler 480.857.7333
Daily 6am-9pm

Diamondback Cleaners
610 N. Alma School Road Ste. 62
Chandler 480.786.3230
Mon.-Fri. 7am-7pm, Sat. 8am-4pm

PRODUCTION

PRODUCTION ROOM
There is a 250sf room on the basement level that is available for use as a production office pending other scheduled use.

GREEN ROOM
Located stage right with direct access to stage and crossover hall.

STAGE MANAGERS CONSOLE
Stage right the Center has a large lectern style desk adjacent to the Grand Drape control lines, an ETC SmartFade lighting control board, a rigging system emergency stop and remote control connection point as well as the SceneMaster rigging control board.

REHEARSAL ROOMS
Two rooms directly behind the Main Stage may be made available pending other scheduled use.

CREWS
The Center uses professional crews. All Center equipment will be set-up, operated and struck by Center's crew only. No performing group will be permitted access until their contracted time and production staff and crew is present.

ACCECIBLE ACCESS
The center meets A.D.A. requirements for performers and patrons.

POLICIES
These are some high points of the Center's policies. For a complete copy of the Center's rules please contact the Events Coordinator. The omission of any policy here-in does not relieve the production group from complying with all center policies:
-There are three performance spaces, classrooms, and visual art exhibitions at the center. Members of a performing group must stay in their assigned spaces so as not to interrupt other performances and activities.
-The center is a non-smoking facility and the school surrounding the Center prohibits smoking in accordance with school policy.
-Absolutely no food or drinks are permitted on the stage or in the auditorium. Beverages and food may be brought into the green room. Please notify the Events Coordinator if you will be doing so.
-To prevent damage to wall surfaces absolutely no masking tape, duct tape, or plastic tapes may be used anywhere in the facility. Clients must user "gaff" tape requested from Center's staff. Corkboards are located on each dressing room door for displaying room assignments.
-High Voltage (above 24 volts) electrical feeders may not be laid on the floor in the auditorium or other public areas without being enclosed in a UL approved device or approval of the Production Coordinator, to prevent accidental shock.
-If additional sound snake is to be used it will need to be about 250' long and laid according to Center practices. Prior approval by the Centers Production Coordinator is required.
-In instances where the fire alarm may sound all persons will be evacuated and the fire department summoned. The resumption of the performance will wait until the fire personnel give the all clear. A word of caution; the smoke detectors in the backstage and dressing room areas are extremely sensitive to cigarette smoke, hair spray, dust, powder, etc.

REFERENCE GUIDE

RESTAURANTS

AJ's Café
1 San Marcos Place
480-963-6655 x2210

Mulligan's
San Marcos Golf Course
480-963-6655 x2262

El Zocolo – Mexican Grill
28 S. San Marcos Place
Chandler – 480-722-0303

Guedo's Taco Shop
71 E. Chandler Blvd.
480-899-7841

Serrano's
141 S. Arizona Avenue
480-899-3318

San Tan Brewing Co.
8 South San Marcos
480-917-8700

La Stalla Cucina Rustica
68 W. Buffalo St
480-855-9990

Murphy's Law
58 S. San Marcos Place
480-812-1588

Sushi Eye in Motion
58 W. Buffalo
480-686-8183

BANKS

Bank One……8 South San Marcos Place……..480-890-6670

Bank of America…….198 N. Alma School Rd……480-944-0404

Wells Fargo……..1920 W. Chandler Blvd……480-726-3260
(Inside Bashas)

HOTELS

San Marcos Golf Resort ……1 San Marcos Place …….…….480-963-6655

Fairfield Inn & Suites…….1100 S. Price Road……...480-963-5300

Windmill Inn ……..3535 W. Chandler Blvd…….480-812-9600

TAXI/SHUTTLE SERVICE

Super Shuttle …….602-244-9000

Yellow Cab……..602-252-5252

Discount Cab……..602-200-2000

MEDICAL INFORMATION

Emergency Service ……**911**

HOSPITALS

Chandler Regional Hospital
475 S. Dobson Road, Chandler

General Information……480-963-4561
Doctor Information and Referral……480-821-7777
Emergency/Trauma ……480-821-3210

Desert Samaritan Medical Center
1400 S. Dobson Road, Mesa

General Information……480-835-3000
Doctor Information and Referral ……...480-230-2273
Emergency ……480-835-3700